

GILA RIVER BASIN

09512450 AGUA FRIA RIVER NEAR HUMBOLDT, AZ

LOCATION--Lat 34° 29'07", long 112° 14'15", in SW_{1/4}NW_{1/4} sec. 22, T.16 N., R.1 E., Yavapai County, Hydrologic Unit 15070102, on right bank 0.9 mi southeast from Humboldt.

DRAINAGE AREA--Undetermined.

PERIOD OF RECORD--Jan. 2000 to current year.

GAGE--Water-stage recorder and crest-stage gage. Elevation of gage is 4,400 ft above sea level, from topographic map.

REMARKS--Records fair except for estimated daily discharges, which are poor. No diversion upstream from station.

EXTREMES FOR PERIOD OF RECORD--Maximum discharge, 11,900 ft³/s, based on an extension of the rating curve, Sept. 8, 2002 at 1815, gage height 15.18 ft; minimum daily discharge, no flow for many days in 2002 water year.

EXTREMES FOR CURRENT YEAR--Maximum discharge, 11,900 ft³/s, based on an extension of the rating curve, Sept. 8 at 1815, gage height 15.18 ft. Minimum daily discharge, no flow for many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	1.9	2.0	1.8	2.1	1.6	2.0	1.8	0.47	0.00	0.04	0.00
2	1.1	1.9	2.0	2.0	2.2	1.5	2.0	1.9	0.40	0.00	0.07	0.00
3	1.0	1.9	2.0	2.0	2.1	1.7	2.0	1.9	0.35	0.00	0.08	0.00
4	1.1	1.9	2.1	2.0	2.3	1.8	1.9	1.9	0.32	0.00	0.09	0.00
5	1.3	2.0	2.1	2.0	2.1	1.8	1.9	1.9	0.27	0.00	0.13	0.00
6	1.4	1.9	2.0	2.0	2.1	1.6	2.0	1.8	0.20	0.00	0.15	31
7	1.6	1.9	2.0	2.0	2.1	1.9	2.0	1.7	0.16	0.00	0.18	9.8
8	1.6	1.7	2.0	2.0	2.1	1.9	1.8	1.7	0.13	0.00	0.10	687
9	1.6	1.8	2.0	2.0	2.1	2.0	1.5	1.7	0.11	0.79	0.08	6.6
10	1.5	1.8	2.0	2.0	2.2	2.0	1.3	1.6	0.11	0.59	0.08	401
11	1.5	1.9	2.0	2.0	2.2	2.0	1.2	1.6	0.11	0.08	0.08	96
12	1.5	1.8	2.1	2.0	2.2	1.8	1.3	1.6	0.22	0.07	0.07	e1.0
13	1.4	1.8	2.0	2.0	2.2	1.8	1.1	1.6	0.13	0.05	0.06	e1.0
14	1.4	1.7	2.0	2.0	2.2	1.7	1.1	1.6	0.10	0.06	0.05	e1.0
15	1.4	1.8	2.0	2.0	2.2	1.6	1.1	1.4	0.10	0.05	0.04	e1.0
16	1.3	1.8	2.0	2.0	2.2	1.7	1.1	1.4	0.08	0.08	0.04	e0.90
17	1.2	1.9	2.0	2.1	2.1	2.0	1.1	1.3	0.07	0.23	0.03	e0.90
18	1.3	1.9	2.0	2.1	2.2	2.0	1.1	1.3	0.07	0.30	0.02	e0.90
19	1.4	1.9	2.0	2.1	2.1	2.0	1.1	1.3	0.04	0.28	0.01	e0.90
20	1.4	2.0	1.9	2.1	2.1	1.8	1.1	1.3	0.05	0.14	0.00	e0.90
21	1.3	2.0	1.8	2.1	2.0	1.8	1.1	1.3	0.08	0.10	0.00	e0.90
22	1.2	2.0	1.6	2.1	2.0	1.9	1.3	1.2	0.08	0.09	0.01	e0.84
23	1.2	2.0	1.6	2.1	2.0	2.0	1.5	1.1	0.08	0.08	0.00	e0.84
24	1.3	2.0	1.6	2.1	1.9	2.0	1.6	1.0	0.08	0.09	0.00	e0.84
25	1.4	2.1	1.6	2.1	1.9	2.0	1.6	1.0	0.06	0.12	0.00	e0.80
26	1.5	2.0	1.6	2.1	1.8	2.0	1.7	1.0	0.02	0.11	0.00	e0.80
27	1.5	2.0	1.7	2.1	1.7	1.9	1.6	1.0	0.03	0.08	0.00	e0.80
28	1.6	2.0	1.9	2.1	1.7	1.9	1.6	0.95	0.02	0.08	0.00	e0.90
29	1.7	2.0	1.9	2.2	---	2.0	1.6	0.84	0.00	0.06	0.00	e0.90
30	1.7	2.0	1.9	2.2	---	2.0	1.7	0.69	0.00	0.04	0.00	e0.90
31	1.8	---	1.9	2.1	---	2.0	---	0.56	---	0.04	0.00	---
TOTAL	43.2	57.3	59.3	63.5	58.1	57.7	45.0	42.94	3.94	3.61	1.41	1248.42
MEAN	1.39	1.91	1.91	2.05	2.08	1.86	1.50	1.39	0.13	0.12	0.045	41.6
MAX	1.8	2.1	2.1	2.2	2.3	2.0	2.0	1.9	0.47	0.79	0.18	687
MIN	1.0	1.7	1.6	1.8	1.7	1.5	1.1	0.56	0.00	0.00	0.00	0.00
MED	1.4	1.9	2.0	2.0	2.1	1.9	1.6	1.4	0.09	0.08	0.04	0.90
AC-FT	86	114	118	126	115	114	89	85	7.8	7.2	2.8	2480

CAL YR 2001 TOTAL 681.62 MEAN 1.87 MAX 33 MIN 0.20 MED 1.8 AC-FT 1350
WTR YR 2002 TOTAL 1684.42 MEAN 4.61 MAX 687 MIN 0.00 MED 1.6 AC-FT 3340

e Estimated